

Receiving Report

Date: 15-07-28

Batch No: 132804

Supplier: WESCO Aircraft

Dart P/O: 29202

Packing Slip: Yes ☒ No ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐

Invoice: Yes ☒ No ☐

Waybill Attached: Yes ☒ No ☐

Receipt: Cash ☐ Cr ☒

Shipment Complete: Yes ☒ No ☐ N/A ☐

New Supplier Yes ☐ No ☒

QC18 Inspection ☐ N/A ☒

Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date

Location

Received/Costing

Initial



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29202**

Purchase Order Date 7/20/2015

PO Print Date 7/20/2015

Page Number 1 of 2

Order From :
WESCO AIRCRAFT HARDWARE CORP
PO BOX 802020
SANTA CLARITA, CA 91380-2020
USA

VU-WES002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 661-775-7200
Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	80-005-3-8	INSERT	7/24/2015 Yes 7/24/2015	FN	20.00 Each	\$9.50	\$190.00
Line Total:							\$190.00
2	71401-45	Procurement Quality Clause	7/24/2015 No 7/24/2015		1.00	\$0.00	\$0.00
Procurement Quality Clauses A005 RIGHT OF ENTRY A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS A040 NOTIFICATION OF QUALITY ESCAPE A041 QUALITY MANAGEMENT SYSTEM A043 RETENTION OF QUALITY DOCUMENT							

PO Instructions: Fedex Acc#151793240

Note:



7/20/2015



Wesco Aircraft Hardware Corp.

27727 Avenue Scott; Valencia, CA 91355
PH: 661 / 775-7200 FAX: /

Pack Slip

Pack Slip # 
Customer PO # 

Sales Order #



Pack Slip #	Date	Page #
9087465	7/20/2015 10:50:29	1 of 1
Customer PO #		
PO29202		
Sales Order #	Ordered By	
9516675 SO	LINDA	
Payment Terms		
030 Net 30		
Salesperson	Related Order #	
Maria Melgar		
TOTE ID:		9467

Ship Inst: COL

Carrier: TRAXFedEx Int'l

Item #	Quantities			Part Number / Description	Certifications	Promise Date
	Shipped	Backorder	U/M			

Rush HOT! PRI 1WILL CALL/CNT TO CNTR***

S60

1 20 0 EA 80-005-3-8

Cert-Mfr CofC, Raw Matl & Proc 7/20/2015

BLINDINSERT,CAD ALLOYSTEEL NUT

Lot # Manufacturer's Lot #:
30958444 54696

Manufacturer Name
The Young Engineers Inc.

Lot Qty
20

TSO/PMA
TSO C-148



Export Classification. EAR ECCN 9A991d

Country Of Origin: US

US Harmonized Schedule Number: 7616.10.70.30 ALLOY STEEL FASTENERS

Comments: *****Orders must be INVOICED PRIOR TO SHIPMENT*****
US FUNDS
FREIGHT ACCOUNT NUMBER: 151793240

Sp15-0722

Export Statement

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

Certificate of Conformance:

Wesco Aircraft certifies that all products are of new manufacture. Documentation from the manufacturer certifies that the product meets all applicable Government, Customer and/or Manufacturer's specifications and requirements. Wesco certifies that the whole of the supplies detailed hereon have been received under cover of the Release Certificate quoted above and are in the same condition when received. This documentation is maintained on file permanently and available upon request.

Signed: 

Karineh Gharib Quality Assurance Director

Total Weight Total # Boxes

Delivery of an electronic signature to this document shall be as effective as delivery of a manually executed counterpart hereof.

We hereby certify that no returns will be accepted without WESCO Returned Material Authorization number. Only lot traceable material will be accepted for return.

Wesco's standard terms and conditions can be found at https://www.wescoair.com/eng/company/Downloads/Wesco_Aircraft_Terms_and_Conditions_of_Sale.pdf and, except as explicitly agreed by Wesco and the buyer in a writing signed by both parties, shall be applicable to, and deemed incorporated into this order. These terms and conditions shall govern the order notwithstanding any term and conditions that were included in the order by the buyer. Acceptance of the order shall be deemed an acceptance of these terms and conditions and, except as expressly agreed by Wesco and the buyer in a writing signed by both parties, these terms and conditions shall supersede, nullify and void any other terms, conditions, representations, understandings, in oral or written form.



SHIPPING INVOICE ONLY

Original

Seller Wesco Aircraft 27727 Avenue Scott Valencia, CA 91355 Phone: 661-775-7200 Fax: 661-295-1307		Invoice number	9621468	Page number	1 of 1
		Invoice date	07/20/15	Reorder No.	
		Sales Order No.	9516675 / SO / 00100	Back Slip No.	9087465
Ship To Dart Aerospace Ltd. 1270 Aberdeen St. Hawkesbury ON K6A 1K7 CANADA CANADA Acct#: 920397		Purchase Order No.	PO29202	Ordered By	LINDA
		Tracking Number 645591109570			
		Carrier	FedEx		
Bill To Dart Aerospace Ltd. 1270 Aberdeen St. Hawkesbury ON K6A 1K7 CANADA CANADA Acct#: 920397		Freight Terms	COL Collect		
		Terms	Net 30		
		Consolidation No.			

Customer Notes:

Item #	Part #	Description	
1	20 EA 80-005-3-8	BLINDINSERT,CAD ALLOYSTEEL NUT.5000 80-005-3-8 Lot Numbers: 30958444 54696 Country of origin: UNITED STATES Export Classification: EAR 9A991D US HTS: 7616107030 ALUMINUM COLLAR	190.00

These commodities, technology or software were
exported from the United States in accordance with
the Export Administration regulations. Diversion
contrary to U.S. law prohibited.

Invoice total
US Dollar

190.00

1.a U.S. PRINCIPAL PARTY IN INTEREST (USPPI) (complete name and address).		Tracking Number 645591109570	
Wesco Aircraft 27727 Avenue Scott Valencia, CA 91355 UNITED STATES		ZIP CODE 91355	
EXPORTER EIN NO. 95-2704662	PARTIES TO TRANSACTION <input type="checkbox"/> Related <input checked="" type="checkbox"/> Non-Related		FedEx UNITED STATES
ULTIMATE CONSIGNEE Dart Aerospace Ltd. 1270 Aberdeen St. Hawkesbury ON K6A 1K7 CANADA			
INTERMEDIATE CONSIGNEE		PORT OF EXPORT LAX	COL Collect
FORWARDING AGENT FedEx UNITED STATES		POINT(STATE) OF ORIGIN OR FTZ NO CA	COUNTRY OF ULTIMATE DESTINATION CANADA

SHIPPER'S LETTER OF INSTRUCTIONS

NOTE: 1. IF YOU ARE UNCERTAIN OF THE SCHEDULE B COMMODITY NO - DO NOT TYPE IT IN - WE WILL COMPLETE WHEN PROCESSING THE 7525-V.
2. IF YOU HAVE SHIPPED THIS MATERIAL TO US VIA AN INLAND CARRIER - PLEASE GIVE US THE INLAND CARRIER'S NAME, SHIPPING DATE, AND RECEIPT OR PRO NO. (IF AVAILABLE). THIS WILL HELP US EXPEDITE YOUR SHIPMENT WITH THE INLAND CARRIER.

SHIPPER'S REF. NO. 9087465	DATE 07/20/15	SHIP VIA <input checked="" type="checkbox"/> AIR <input type="checkbox"/> OCEAN	<input type="checkbox"/> CONSOLIDATE <input type="checkbox"/> DIRECT
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SCHEDULE B DESCRIPTION OF COMMODITIES		VALUE(U.S. dollars, omit cents) (Selling price or cost if not sold)
MARKS, NOS., AND KIND OF PKGS. SCHEDULE B NUMBER		
(Aircraft Hardware) (See attached invoice(s) for Schedule B number and D/F code) SO# 09516675 PO# PO29202 Pack Slip # 9087465 Country of origin UNITED STATES These commodities, technology or software were exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. law prohibited.		\$ 190.00
		Total boxes 1
		Total weight 1
		HAZARDOUS MATERIALS <input type="checkbox"/> Yes <input type="checkbox"/> No
		ROUTED EXPORT TRANSACTION <input type="checkbox"/> Yes <input type="checkbox"/> No

LICENSE NO. / LICENSE EXCEPTION SYMBOL / AUTHORIZATION NLR	ECCN (When required) EAR 9A991D	SHIPPER MUST CHECK <input type="checkbox"/> PREPAID OR <input checked="" type="checkbox"/> COLLECT
--	---	---

Duly authorized officer or employee	The exporter authorizes the forwarder named above to act as forwarding agent for export control and customs purposes.	C.O.D. AMOUNT \$
-------------------------------------	---	------------------

SPECIAL INSTRUCTIONS	SHIPPER REQUESTS INSURANCE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If Shipper has requested insurance as provided for at the left hereof, shipment is insured in the amount indicated (recovery is limited to actual loss) in accordance with the provisions as specified in the Carrier's Tariffs. Insurance is payable to Shipper unless payee is designated in writing by the shipper.
	INSURANCE AMOUNT \$	

ODTC Registration Number _____ SME (Significant Military Equipment) <input type="checkbox"/> Yes <input type="checkbox"/> No Eligible Party Certification Number <input type="checkbox"/> Yes <input type="checkbox"/> No USML Category Code _____ ODTC Quantity _____ ODTC Unit of Measure _____	I certify that all statements made and all information contained herein are true and correct and that I have read and understand and instructions for preparation of this document, set forth in the "Correct Way to Fill Out The Shipper's Export Declaration", understand that civil and criminal penalties, including forfeiture and sale, may be imposed for making false or fraudulent statements herein, failing to provide the requested information or for violation of U.S. laws on exportation (13 U.S.C. Sec. 305; 22 U.S.C. Sec. 401; 18 U.S.C. Sec. 1001; 50 U.S.C. App. 2410).
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NOTE: The Shipper or his Authorized Agent hereby authorizes the above named Company, in his name and on his behalf, to prepare any export documents, to sign and accept documents relating to said shipment and forward this shipment in accordance with the conditions of carriage and the tariffs of the carriers employed. The shipper guarantees payment of all collect charges in the event the consignee refuses payment. Hereunder the sole responsibility of the Company is to use reasonable care on the selection of carriers, forwarders, agents and others to whom it may entrust the shipment.

**NORTH AMERICAN FREE TRADE AGREEMENT
CERTIFICATE OF ORIGIN**

OMB No. 1515-0204
See Back of form for
Paperwork Reduction
Act Notice

19 CFR 181.11, 181.22

09516675 / SO / 00100

Please print or type

1. EXPORTER NAME AND ADDRESS Wesco Aircraft 27727 Avenue Scott Valencia, CA 91355 UNITED STATES TAX IDENTIFICATION NUMBER 952704662		2. BLANKET PERIOD (DD/MM/YY) FROM 01/01/2015 TO 31/12/2015	
3. PRODUCER NAME AND ADDRESS WILL SUPPLY UPON REQUEST TAX IDENTIFICATION NUMBER		4. IMPORTER NAME AND ADDRESS Dart Aerospace Ltd. 1270 Aberdeen St. Hawkesbury ON K6A 1K7 CANADA TAX IDENTIFICATION NUMBER	

5. DESCRIPTION OF GOOD(S)	6. HS TARIFF CLASSIFICATION NUMBER	7. PREFERENCE CRITERION	8. PRODUCER	9. NET COST	10. COUNTRY OF ORIGIN
80-005-3-8 80-005-3-8 BLINDINSERT,CAD ALLOYSTEEL NUT	7616107030	B	NO2	NO	US

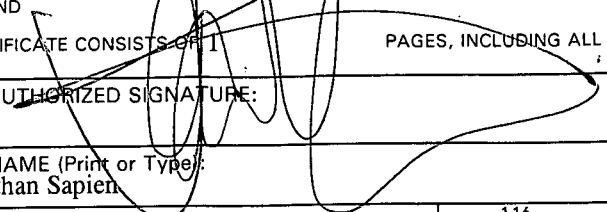
I CERTIFY THAT:

*THE INFORMATION ON THIS DOCUMENT IS TRUE AND ACCURATE AND I ASSUME THE RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS. I UNDERSTAND THAT I AM LIABLE FOR ANY FALSE STATEMENTS OR MATERIAL OMISSIONS MADE ON OR IN CONNECTION WITH THIS DOCUMENT;

*I AGREE TO MAINTAIN, AND PRESENT UPON REQUEST, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATE, AND TO INFORM, IN WRITING, ALL PERSONS TO WHOM THE CERTIFICATE WAS GIVEN OF ANY CHANGES THAT COULD AFFECT THE ACCURACY OR VALIDITY OF THIS CERTIFICATE;

*THE GOODS ORIGINATED IN THE TERRITORY OF ONE OR MORE OF THE PARTIES, AND COMPLY WITH THE ORIGIN REQUIREMENTS SPECIFIED FOR THOSE GOODS IN THE NORTH AMERICAN FREE TRADE AGREEMENT, AND UNLESS SPECIFICALLY EXEMPTED IN ARTICLE 411 OR ANNEX 401, THERE HAS BEEN NO FURTHER PRODUCTION OR ANY OTHER OPERATION OUTSIDE THE TERRITORIES OF THE PARTIES; AND

*THIS CERTIFICATE CONSISTS OF 1 PAGES, INCLUDING ALL ATTACHMENTS

11a. AUTHORIZED SIGNATURE: 		11b. COMPANY: Wesco Aircraft	
11c. NAME (Print or Type): Jonathan Sapient		11d. TITLE: Shipping Clerk	
11e. DATE (DD/MM/YY) 07/20/15	11f. TELEPHONE NUMBER	(Voice) +1-661-7757200	(Facsimile) +1-661-2951307



The YOUNG ENGINEERS, Inc.

engineering • manufacturing • aerospace fasteners

25841 Commercentre Drive, Lake Forest, California 92630 USA

Mail Add: PO Box 278, Lake Forest, California 92609-0278 USA

(949) 581-9411 Fax (949) 583-7662

email: sales@youngengineers.com

CERTIFICATE OF CONFORMANCE

Packing Slip 53165

Customer Purchase Order 1601354

Sales Order 31308

Ship Date 9/22/2014

Page Number 1

Bill To

WESCO AIRCRAFT HARDWARE CORP
ATTENTION: ACCOUNTS PAYABLE
PO BOX 803010
SANTA CLARITA, CA 91380-3010
USA

2007

Ship To

WESCO AIRCRAFT HARDWARE CORP
27727 AVENUE SCOTT
VALENCIA, CA 91355
USA

Line Nbr / Cust Ln	Item ID / Alt Item ID	Description	Lot Number	Lot Trans Qty
★ 1	TYE3005B4-8	1/4-28 Snap-In Float Nut Insert: Al Aly Housing, Alloy Stl, Self-Lock Nut, .019 Skin .718OD X .455OAL	53200	27
1	80-005-3-8 Rev. AA		54696	1,151
			54696-1	209
			54696-2	77
			54696-3	36
2		Test Report		
2				

Test Report Fee included in price

Special Inst

FedEx Acct 0904-5844-2
Cage Code 56958

The items(s) which are identified within this certification have been reviewed and verified for compliance to those requirements specified within DFARS 252.225.7014 ALT 1 and DFARS 252.225.7009

"The use of Mercury, Mercury compounds or Mercury-Bearing instruments and/or equipment, which might cause contamination, have not been used in the manufacture, assembly or testing of this product".



The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148. The conditions and tests required for TSO approval of this article are minimum performance standards. Aircraft fasteners approved under this TSO are not necessarily interchangeable with other aircraft fasteners approved under this TSO. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator.



CERTIFICATE OF CONFORMANCE

We Certify that the furnished parts have been manufactured, inspected, tested, and unless otherwise stated above, conform with applicable specifications, drawings and purchase order requirements. Inspection, test data and/or material certifications are on file and available for examination at our facility. We further certify that these articles are of United States origin, manufactured by/for The Young Engineers, Inc.

Authorized Signature

By

Gretchen Delaney
Office Manager

SEP 22 2014



SDF-03-07



The YOUNG ENGINEERS, Inc.

engineering • manufacturing • aerospace fasteners

25841 Commercentre Drive, Lake Forest, California 92630 USA
Mail Add: PO Box 278, Lake Forest, California 92609-0278 USA
(949) 581-9411 Fax (949) 583-7662
email: sales@youngengineers.com

PACKING SLIP

Packing Slip 53165
Customer Purchase Order 1601354
Sales Order 31308
Ship Date 9/22/2014

Page Number 1

Bill To
WESCO AIRCRAFT HARDWARE CORP
ATTENTION: ACCOUNTS PAYABLE
PO BOX 803010
SANTA CLARITA, CA 91380-3010
USA

2007

Ship To
WESCO AIRCRAFT HARDWARE CORP
27727 AVENUE SCOTT
VALENCIA, CA 91355
USA

Order Date 6/6/2014 9:56:16 AM
Ship Method FedEx Ground

FOB Lake Forest
Territory House

Line Nbr / Cust Ln	Item ID / Alt Item ID	Description	Req Date	Prom Date	Req Qty / UOM	Ship Qty / UOM
1	TYE3005B4-8	1/4-28 Snap-In Float Nut Insert:Al Aly Housing, Alloy	9/25/2014	9/25/2014	1500	1500
		Stl, Self-Lock Nut, .019 Skin .718OD X .455OAL				
1	80-005-3-8				ea	ea
	Rev. AA					
		<u>Lot Number</u>		<u>Lot Trans Qty</u>		
		53200		27		
		54696		1,151		
		54696-1		209		
		54696-2		77		
		54696-3		36		
2		Test Report	9/25/2014	9/25/2014	1	1
2		Test Report Fee included in price				

Special Inst FedEx Acct 0904-5844-2
Cage Code 56958

SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS AND AS STATED ON REVERSE

1. NO RETURNS accepted without RETURN AUTHORIZATION.
2. ALL RETURNS must be in ORIGINAL BAG with FULL TYE RELEASE DOCUMENTATION.
3. ALL RETURNS are SUBJECT to TYE COUNT and INSPECTION.
4. ALL CLAIMS MUST BE MADE WITHIN 10 DAYS AFTER RECEIPT OF ORDER



The YOUNG ENGINEERS, Inc.

Manufacturing Operations Sheet

Work Order ID 54696

Item ID TYE3005B4-8

Descript 1/4-28 Snap-In Float Nut Insert:Al Aly Housing, Alloy Stl, Self-Lock Nut, .019 Skin .718OD X .455OAL

Job Qty 1155 Lot No 7-18-14 Lot Qty 1155 Date Printed 6/11/2014 Start Date 8/12/2014
Customer ID 2007 Cust PO No Due Date 9/18/2014

Eng Planning By <u>JL</u> Date <u>6/19/14</u>	Manufacture Per Dwg No <u>NA</u> Rev <u> </u> Final Inspect Per Dwg No <u>TYE 3005 SERIES</u> Rev <u>A</u> <input type="checkbox"/> Customer Release <input checked="" type="checkbox"/> TYE Catalog <input type="checkbox"/> Final Inspection Release <input type="checkbox"/> Assembly Release	<input type="checkbox"/> If this box is marked, these parts were manufactured by altering the base parts identified in the Material Planning Sheet accompanying this packet									
PC Planning By <u>ES</u> Date <u>6/11/14</u>	CNC Lathe Program No <u> </u> Cycle Time <u> </u> Mach No <u> </u> 1st Op <u> </u> 2nd Op <u> </u> Drill / Mill Program No <u> </u> Cycle Time <u> </u> Mach No <u> </u> 1st Op <u>0167B</u> 2nd Op <u> </u>	Mfg Approval By <u>W</u> Date <u>6/26/14</u>									
Seq ID	Operator Initial	Work Center	Operation Description	Inspection 1st Rec / Art Final	NA	Quantity	Ac#	Re#	QA Stamp	Date	NCR #

10		WOP	Supplemental Work Order Preparation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
20	<u>W</u>	F	F12 Floater Component Assembly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>1155</u>	<u>1</u>	<u>A</u>	<u>TYE M-12</u>	<u>9.17.14</u>
30	<u>PT</u>	D	D22 CNC Floater Auto Swage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>1155</u>	<u>1</u>	<u>A</u>	<u>TYE M-12</u>	<u>9.17.14</u>
40	<u>DA</u>	QA	Quality Assurance Final	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1151</u>	<u>20</u>	<u>CS</u>	<u>SEP 20 2014</u>	

Inspection Level* <input checked="" type="checkbox"/> S-3 AQL 1.0 <input type="checkbox"/> AQL <u> </u>	QA Planning By <u> </u> Date <u>JUN 25 2014</u>
Container(s) Type: <input type="checkbox"/> Bucket <input type="checkbox"/> Weight (lbs) <u> </u>	Count Factor <u>13.936</u>

Comments: MPFG Assembly LENGTH @ .455±.010 (see 6/19/14)
SPLIT OFF SEP 12 2014 AT Op#10 Due to Component Qty's 210pcs to WOP#54696-1,
77pcs to WOP#54696-2 and 40pcs to WOP#54696-3 (on 9/12/14)
*Per ANSI/ASQC Z1.4-1993

The YOUNG ENGINEERS, Inc.

These Test Reports Apply To:

Customer Name: NRSCO
Customer PO No: 1001354
Part No: 80-005-3-8
Rev No: AA
Quantity: 1151
TYE Invoice No: 109682
Pages this report: 33
Date: 9/22/14
Signature: [Signature]
Off. QA Manager

Work Order Package Review
TYE QA Inspector Stamp: <u>[Stamp]</u>
Date: <u>SEP 20 2014</u>

TYE 3
SEP 22 2014

VAC
173

The YOUNG ENGINEERS, Inc.

First Article Inspection Report

Job No 54697 Part No YH3005A4-8 Date 8/29/14 Page 1 of 2

Document(s) Used: ☒ TYE Production Release ☐ Other _____

Document No YH3005A4-8 Rev C

Job Qty 1,400 Qty Submitted 1 Qty Accept 1 Qty Reject 0

Name of Inspector V. RUIZ NCR No¹ _____

Visual Inspection: ☒ Acceptable ☐ Not Acceptable¹

OP No.	Item No	Drawing Dimension (.XXX: ± .005" Unless Indicated)	Actual Dimensions (low/high)	Ac	Re ¹	Instrument Type	Serial No
30	1	φ.619-.622	.619			CAL	T621
	2	φ.451±.003	.44860/.449No			PINS	T547
	3	.451±.003	.44860/.453No			PINS	T547
	4	30°±30'	30°			COMP	T588
	5	.090-.095	.092			D-MIC	T229
	6	.440-.445	.444			CAL	T621
	7	.120	.121			CAL	T621
	8	.015±.002	.0154			COMP	T588
	9	.16-20 TPI	20 TPI			COMP	T588
	10	.1620 TPI X 25±5°	20 TPI X 25°			COMP	T588
	11	15° BK	15° BK			COMP	T588
	12	φ.558-.563 BK	.561 BK			CAL	T621
	13	60°±30'	60°			COMP	T588
	14	.021±.002	.0205			COMP	T588
	15	.104±.002	.1047			COMP	T588
	16	.027±.002	.0274			COMP	T588
	17	2X R.015±.010	.018-.022			COMP	T588
	18	20°±30'	20°			COMP	T588
	19	φ.688±.002	.6891			BLADE MIC	T099
	20	φ.698±.002 AK	.6985			OD MIC	T622
	21	φ.318±.002	.31660/.319No			PINS	T547
	22	φ.718	.719			CAL	T621
	23	.498	.499			CAL	T621
	24	2X .093	.09360/.095No			PINS	T519
30	25	.410-.415	.412			D-MIC	T229

Remarks (Refer to Item No) _____

¹ See Nonconformance Report for disposition, if applicable.

The YOUNG ENGINEERS, Inc.

First Article Inspection Report

Job No 54697 Part No YH3005A4-8 Date 9/29/14 Page 2 of 2

Document(s) Used: ☒ TYE Production Release ☐ Other _____

Document No YH3005A4-8 Rev C

Job Qty 1400 Qty Submitted 1 Qty Accept 1 Qty Reject 0

Name of Inspector V. R. V. R. NCR No¹

Visual Inspection: ☒ Acceptable ☐ Not Acceptable¹

[illegible]

Remarks (Refer to Item No) ▶ EMEM02

¹ See Nonconformance Report for disposition, if applicable.

SEP 11 2014

NCR No¹

☒ Acceptable

FOD Inspection Results

A total of 22 pieces of this lot were visually inspected for FOD inclusion. All pieces inspected were found to be free of FOD.

Stamp#

Date:

¹ See Nonconformance Report for disposition, if applicable.



#2 C-A-675C₂

The YOUNG ENGINEERS, Inc.
Manufacturing Process Count Card Form

Work Order ID <u>54697</u>						
Operator Name	Pre-Process Count	Seq ID	Standard Process ID	Process Quantity	Operator Initials	Parts Lost*
ACK	0	20	M1	1400	ACK	
MA	0	30	CN1	200	MA	
Calvin	0	30	CN1	400	CT	
KEITH	0	30	CN1	180	VK	
MA	0	30	CN1	325	MA	
Calvin	0	30	CN1	80	CT	
M.G.	1156	70	H3	1156	M.G.	
M.G.	1156	80	H2	1156	M.G.	
THEE	1155	90	RME	1155	THEE	1
—	—	100	QAF	—	THEE	0
Final Quantity				<u>1155</u>	Total Parts	<u>1</u>

*Includes setup & test pieces, etc.

Comments _____





Reid Metal Finishing
 3110 West Harvard
 Santa Ana, CA 92704
 Phone: (714) 549-3771
 Fax: (714) 549-3008

CERTIFICATION

PL # 105340
 09/09/2014

SOLD TO:

YOUNG ENGINEERS INC (THE)
 PO BOX 278
 LAKE FOREST, CA 92609-0278

SHIP TO:

YOUNG ENGINEERS INC (THE)
 25841 COMMERCE CENTRE DRIVE
 LAKE FOREST CA 92630

Ship: RMP Truck 1

Net 30 Days

UNITS SHIPPED	PART #	DESCRIPTION	PO #	RMP #	REF #
1,158 qty.	YH3005A4-8		143568	107049	54897
0 BAO	8.00 lbs.				

WE HEREBY CERTIFY COMPLIANCE TO THE BELOW REFERENCED PROCESS SPECIFICATION(S)

Chemical Film Type I Class 1A Gold (Hexavalent)
 MIL-DTL-5541 (MIL-C-5541)

Color: GOLD
 Rev: F(E)

Sampling IAW ANSI / ASQC Z1.4 8-4-1993, Defects within a given batch or lot will be zero.



SEP 11 2014

Q.C. MANAGER:

Jules Anzures



Nadcap

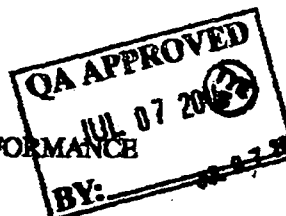
Processes are performed by RMP in accordance with the latest revisions or superseding specifications. This certification also meets the requirements for designs and drawings developed under older revisions and/or non-current specifications. An Electrode Technologies, Inc., Company.





A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE



Page 1 of 1

Shipment No: 2181373

Ship From: A. M. Castle & Co. LOS ANGELES - CASTLE METALS 14001 ORANGE AVENUE PARAMOUNT, CA 90723		Sold To: THE YOUNG ENGINEERS INC 25841 COMMERCE DRIVE LAKE FOREST, CA 92630 US		Ship To: THE YOUNG ENGINEERS INC 25841 COMMERCE DRIVE LAKE FOREST, CA 92630 USA		Deliver To: THE YOUNG ENGINEERS INC 25841 COMMERCE DRIVE LAKE FOREST, CA 92630 US	
Date Shipped 29-MAY-2014	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier LOCAL FLEET		BOL No 2181373-5	

Shipment Details				Final Destination Branch - LOS			
Order No 3378833	Line No 2	Item No 7933	Description 0.7500.RD.2024.T351.ALUMINUM.CF.144.0000 SPECIFICATIONS: AMS 4120, AMS QQ-A-225/6, ASTM B211				
Purchase Order No 142872		Part Number		Ordered Qty 25.00 PCS		Invoice Qty 180.0000 LBS	
Details		DEL 1-2 DAYS ARO KAISER 1 HT MT # 2187 TIE QA Inspector Stamp #					
Delivery No. 119655355	Mill KAISER ALUMINUM	Heat Number 	Mech Id	PCS 25	Width (IN)	Length (IN) 144.0000	Shipped Qty(LBS) 180.0000

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, require export documentation. Diversion contrary to US Law is prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 90 days of the shipment. Materials out of the normal stock, or material not by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative: _____ Date: _____ Name:

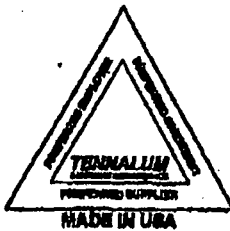
These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.
Date Printed: 29-MAY-2014 01:34:26 AM

WAC
173



KAISER ALUMINUM FABRICATED PRODUCTS

Tennalium
309 Industrial Drive
Jackson, TN 38301
731-423-2811



CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: 229318-1		CUSTOMER PART NUMBER: 7933		PRODUCT DESCRIPTION: Cold Finished Round	
KAISER ORDER NUMBER: 689567	LINE ITEM: 1.	SHIP DATE: 07/08/2013	ALLOY: 2024	TEMPER: T351	
WEIGHT SHIPPED: 4019 lbs.	QUANTITY: 628 pcs.	SL NUMBER: 35620	DIAM/DA/THICKS: 0.750 in.	WIDTH: 0.000 in.	LENGTH: 144.0 in.
SHIP TO: A M Castle & Co AM Castle & Co. 3400 No. Wolf Road Franklin Park, IL 60131 USA			SOLD TO: A M Castle & Co 1420 Kensington Road Suite 220 Oak Brook, IL 60523 USA		

Test Code: 1000 AC

Actual Physical Properties

Lot Number	LONG. UTS ksi	LONG. YTS ksi	LONG. ELONG. %
10042568	70.0	53.6	22.0
	70.2	52.8	22.0
	70.0	52.9	22.0
10043428	70.8	53.5	22.0
	70.5	53.6	22.5
	68.7	51.9	21.0
	70.8	53.1	22.5
	69.9	53.3	22.5
	70.2	53.0	22.5
20172298	71.1	55.2	23.0
	70.4	54.9	21.0
	71.3	55.1	22.0

MT # 2987

TYPE QA Inspector Stamp # 63

Date: JUN 03 2014

Chemical Composition, WT. % (Aluminum Remainder)

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OTHERS EACH	OTHERS TOTAL	Lot
Actual	0.12	0.21	4.7	0.76	1.3	0.02	0.12	0.02			10042568
Actual	0.12	0.21	4.7	0.76	1.3	0.02	0.12	0.02			10043428
Actual	0.12	0.21	4.7	0.76	1.3	0.02	0.12	0.02			20172298
Max	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.15	
Min			3.8	0.30	1.2						

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

John Rennekamp

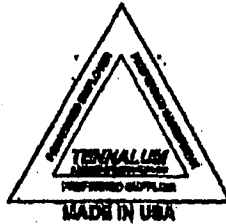
Plant Serial: 190410

Kaiser Order Number: 689567

Line Item: 1

KAISER ALUMINUM FABRICATED PRODUCTS

Tennalium
309 Industrial Drive
Jackson, TN 38301
731-423-2811



CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Specifications

Standard: ISO 9001, ASTM B211-12, AMS 4120R, AMS-QQ-A-225/6A Non-Standard: A92024-02-14

Miscellaneous Notes

Made in USA

This material was melted and manufactured in the USA. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. AS9100C:2009 The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

This material meets the requirements of T4 temper and of QQ-A-225/6E Amendment 1 (CANCELLED). NAFTA - YES: Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements). No weld repair. This material is RoHS 2 compliant.

Castle Metals FP

HEAT NUMBER: 80172295
MECHANICAL ID _____
ITEM CODE: 7923
LOT NUMBER _____
PO NUMBER: 229216
RECEIPT DATE: 7-16-12
TURN IN: Kaiser
SPECIFICATION _____
LCS _____
COMMENT _____
APPROVED: [Signature]

MT: 2987 (27)

TYPE CA Inspector Stamp # _____

Date: JUN 03 2014

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennkamp, Quality Manager

John Rennkamp

Plant Serial: 190410
Kaiser Order Number: 689567
Line Item: 1

The YOUNG ENGINEERS, Inc.

Manufacturing Operations Sheet

Work Order ID 54698

Item ID YN3005-4-8

Descrip 1/4-28 Threaded Nut, Alloy Steel, Self-Locking, .5530D X .387CL

Job Qty 1,305 Lot No Lot Qty Date Printed 6/11/2014 Start Date 5/7/2014
Customer ID 2007 Cust PO No Due Date 8/11/2014

Eng Planning By <u>JL</u> Date <u>6/13/14</u>	Manufacture Per Dwg No <u>YN3005-4-8</u> Rev <u>A</u> *	<input type="checkbox"/> If this box is marked, these parts were manufactured by altering the base parts identified in the Material Planning Sheet accompanying this packet								
	Final Inspect Per Dwg No <u>YN3005-XFINAL</u> Rev <u>D</u> * **									
	<input type="checkbox"/> Customer Release <input type="checkbox"/> TYE Catalog <input checked="" type="checkbox"/> Final Inspection Release <input type="checkbox"/> Assembly Release									
PC Planning By <u>ES</u> Date <u>6/11/14</u>	CNC Lathe Program No <u>00700003</u> Cycle Time <u>37</u> Mach No <u>2CA</u>	Mfg Approval By <u>WJ</u> Date <u>7/24/14</u>								
	1st Op <u> </u> 2nd Op <u> </u>									
Seq ID	Operator Initial	Work Center	Operation Description	Inspection 1st Rec / Art Final	Quantity	Ac#	Re#	QA Stamp	Date	NCR #

10		WOP	Standard Work Order Preparation	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>						
20	<u>LY</u>	M	M1 Raw Material Preparation	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>						
30	<u>H.A.M.</u>	CN	CN1 CNC Lathe 1st Op Machining	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<u>1380</u>	<u>1</u>	<u>φ</u>	<u>TYE 3</u>	<u>AUG 1 1 2014</u>	
		Memo	Use 'BEFORE PLATE' Gage							
40	<u>AG</u>	M	M2 Wash	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<u>1385</u>					
			(10P)							
70	<u>JD/LT</u>	P	P6 Flats (Single Track Feed)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<u>1384</u>	<u>1</u>	<u>φ</u>	<u>TYE 3</u>	<u>8.12.14</u>	
80	<u>M.G.</u>	M	M3 Tumble	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<u>1384</u>					
90	<u>M.G.</u>	M	M2 Wash	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<u>1384</u>					
100	<u>EC</u>	RMF	Cad Plate Per AMS-QQ-P-416, Type II, Class 2	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<u>1381</u>	<u>20</u>	<u>φ</u>	<u>TYE 3</u>	<u>AUG 26 2014</u>	
105	<u>DN/LT</u>	C	C1 Hand Coin (up)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<u>1377</u>	<u>1</u>	<u>φ</u>	<u>TYE M-13</u>	<u>8-27-14</u>	
110	<u>RF</u>	QA	Quality Assurance Final	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<u>1365</u>	<u>20</u>	<u>φ</u>	<u>TYE 3</u>	<u>SEP 03 2014</u>	

Inspection Level* ☒ S-3 AQL 1.0 ☐ AQL QA Planning By WJ Date JUN 13 2014
Container(s) Type: ☒ Bucket ☐ Weight (lbs) Count Factor 2.0724

Comments: * PER DEN N345 MACHINED SURFACE ROUGHNESS PER ASME B46.1-2009 ** 4130 STEEL (125-145 KSI VTS); CAD PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 (JL 6/13/14)

MIN TKS 6/20/14 JES

*Per ANSI/ASQC Z1.4-1993

Work Order Package Review
TYE QA Inspector Stamp#
Date: SEP 04 2014

WAC
173

Rev I 03/02

The YOUNG ENGINEERS, Inc.

Material Planning Sheet

Work Order ID 54696

Parent Item ID TYE3005B4-8

Item Description 1/4-28 Snap-In Float Nut Insert: Al Alloy Housing, Alloy Stl, Self-Lock Nut, .018 Skin, 718OD X .455OAL

Job Qty 1,155 Lot No Lot Qty Date Printed 9/12/2014 Due Date 9/18/2014

Engineering Approval By *RC* Date 9/12/14

Component Item ID/ Item Name	Mfg / Purch	Primary Location	Last Location	Unit of Measure	Qty on Hand	Qty To Pick	Qty Issued	QA Stamp	Date Issued
---------------------------------	-------------	---------------------	------------------	--------------------	----------------	----------------	---------------	-------------	----------------

YC2334-4 Manufactured

1/4-28 Floater Cap, Al Alloy, Chem Film

Location Lot / Heat

Sub ASSY

53885

PO No

Lot Qty

Lot Code

9,533.0

9,533.0

9,533

1,155

1155

1155

9-15-14

YH3006A4-8

Manufactured

1/4-28 Housing, Snap In, Al Alloy, .010-.018 Skin Thickness, 718OD X .440CL

Location

Lot / Heat

PO No

Lot Qty

Lot Code

Sub ASSY

53201

54697

54697-1

1,573.0

91.0

1,155.0

327.0

1,571

1,155

1155

1155

YN3006-4-8

Manufactured

1/4-28 Threaded Nut, Alloy Steel, Self-Locking, .533OD X .367CL

Location

Lot / Heat

PO No

Lot Qty

Lot Code

Sub ASSY

49874

50583

53202

54076

54098

1,554.0

19.0

50.0

43.0

77.0

1,365.0

1,554

1,155

1155

1155

WAC
1731

Final Inspection Report

Name of Inspector D. F. H. H. H. NCR No¹ _____

Visual Inspection: ☒ Acceptable ☐ Not Acceptable¹

[illegible]

Remarks (Refer to Item No)

¹ See Nonconformance Report for disposition, if applicable.

The YOUNG ENGINEERS, Inc.
Manufacturing Process Count Card Form

Work Order ID <u>54696</u>						
Operator Name	Pre-Process Count	Seq ID	Standard Process ID	Process Quantity	Operator Initials	Parts Lost*
<u>Joe</u>	<u>1155</u>	<u>20</u>	<u>F12</u>	<u>1155</u>	<u>UT</u>	
<u>Phuoc</u>	<u>1155</u>	<u>30</u>	<u>D22</u>	<u>1155</u>	<u>PT</u>	<u>0</u>
<u>DE</u>	<u>1153</u>	<u>40</u>	<u>ONE</u>	<u>1151</u>	<u>DE</u>	<u>4</u>
Final Quantity				<u>1151</u>	Total Parts	<u>4</u>

*Includes setup & test pieces, etc.

Comments _____



The YOUNG-ENGINEERS, Inc.

Manufacturing Operations Sheet

Work Order ID 53865

Item ID YC2334-4

Descrip 1/4-28 Floater Cap, Al Alloy, Chem Film

Job Qty 15,100 Lot No 4094 Lot Qty Date Printed 2/26/2014 Start Date 3/28/2014
Customer ID 4094 Cust PO No Due Date 4/15/2014

Eng Planning By <u>ES</u> Date <u>3/10/14</u>	Manufacture Per Dwg No <u>YC2334-4</u> Rev <u>E</u> Final Inspect Per Dwg No <u>TYE2334 SERIES</u> Rev <u>C</u> <input type="checkbox"/> Customer Release <input checked="" type="checkbox"/> TYE Catalog <input type="checkbox"/> Final Inspection Release <input type="checkbox"/> Assembly Release	<input type="checkbox"/> If this box is marked, these parts were manufactured by altering the base parts identified in the Material Planning Sheet accompanying this packet.
PC Planning By <u>ES</u> Date <u>3/26/14</u>	CNC Lathe Program No <u> </u> Cycle Time <u> </u> Mach No <u> </u> 1st Op <u> </u> 2nd Op <u> </u>	Drill / Mill Program No <u> </u> Cycle Time <u> </u> Mach No <u> </u> 1st Op <u> </u> 2nd Op <u> </u>
Seq ID Operator Initial Work Center Operation Description		Mfg Approval By <u>BW</u> Date <u>3/14/14</u>
Inspection 1st Rec / Art Final NA		QA Stamp

10	WOP	Supplemental Work Order Preparation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						
20	<u>DR</u>	RMP	Coat per MIL-DTL-5541, Type I, Class 3, Gold	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	15,100	32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	APR 22 2014
30	<u>DR</u>	QA	Quality Assurance Final	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	15,100	32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	APR 22 2014

Inspection Level: ☒ S-3 AQL 1.0 ☐ AQL QA Planning By Date MAR 14 2014
2 Container(s) Type: ☐ Bucket ☒ BOX Weight (lbs) 12 Count Factor 0.6875

Comments:

*Per ANSI/ASQC Z1.4-1993

Work Order Package Review
TYE QA Inspector Stamp <u> </u>
Date: <u>APR 24 2014</u>

VAC
173

[illegible]

The YOUNG ENGINEERS, Inc.
Material Planning Sheet
Work Order ID 53865

Parent Item ID YC2334-4

Item Description 1/4-28 Floater Cap, Al Alloy, Chem Film

Date Printed 4/14/2014

Engineering Approval

Job Qty 15,100

Lot No

Lot Qty

Due Date

4/15/2014

By

Date

4.14.14

Component Item ID/ Item Name	Mfg / Purch	Primary Location	Last Location	Unit of Measure	Qty on Hand	Qty To Pick	Qty Issued	QA Stamp	Date Issued
---------------------------------	-------------	---------------------	------------------	--------------------	----------------	----------------	---------------	-------------	----------------

YC2334-4 CAP

Purchased

ea

15,100

15,100

1/4-28 Floater Cap Base, Al Alloy

Location

Lot / Heat

PO No

Loc Qty

Loc Code

STOCK

15,100.0

141837

15,100.0

15,100



APR 22 2014

15,100



APR 22 2014

Final Inspection Report

Job No 53865 Part No YC 2334-4 Date APR 22 2014 Page 7 of 1

Document(s) Used: ☒ TYE Catalog Print ☐ Final Inspection Release ☐ Customer Release ☐ Other

Document No TFE 2384.5 ERIN-3 Rev C

Single Sampling Inspection Per ANSI/ASQC Z1.4 - 1993 [Level S-3, AQL 1.0]: ☒ Yes ☐ No [Level ____ AQL ____]

Final Qty 15,100 Sample Size 52 Qty Accept 52 Qty Reject 0

Name of Inspector D. E. HERRICK NCR No¹ _____

Visual Inspection: ☒ Acceptable ☐ Not Acceptable¹

[illegible]

Remarks (Refer to Item No) _____

¹ See Nonconformance Report for disposition, if applicable.

Reld Metal Finishing
3110 West Harvard
Santa Ana, CA 92704
Phone: (714) 549-3771
Fax: (714) 549-3008

CERTIFICATION

P/L # 85611

04/17/2014

SOLD TO:

YOUNG ENGINEERS INC (THE)
PO BOX 278
LAKE FOREST, CA 92609-0278

SHIP TO:

YOUNG ENGINEERS INC (THE)
25841 COMMERCENTRE DRIVE
LAKE FOREST CA 92630

Ship: RMF Truck 1

Net 30 Days

UNITS SHIPPED	PART #	DESCRIPTION	PO #	RMF #	REF #
15,100 <i>qty.</i>	YC2334-4		142321	97597	43865
0 B/O	12.00 <i>lbs.</i>				

WE HEREBY CERTIFY COMPLIANCE TO THE BELOW REFERENCED PROCESS SPECIFICATION(S)

Chemical Film Type I Class 3 Gold (Hexavalent)

Color: GOLD

MIL-DTL-5541 (MIL-C-5541)

Rev: F (E)

Sampling IAW ANSI / ASQC Z1.4 S-4-1993, Defects within a given batch or lot will be zero.



APR 22 2014

Q.C. MANAGER: _____

Jules Amigo

Processes are performed by RMF in accordance with the latest revisions or superseding specifications. This certification also meets the requirements for designs and drawings developed under older revisions and/or non-current specifications. An Electrode Technologies, Inc., Company.



Nadcap





25 KNIGHT DRIVE, CHENNAI - 600110-8988
PHONE 203-272-2918 / 800-243-2874 / FAX 203-272-2918
www.ericksonmetals.com



MR 2 8 2M

CERTIFICATE

39445

Date: 12/16/11

Page: 2

Account No: 0C2140

BILL TO:
CLAYTON METALS INC
546 CLAYTON CT
WOOD DALE, IL 60191

SHIP TO: 001
CLAYTON METALS
16022 CARMENITA ROAD
CERRITOS, CA 90703

Order No: 38084

PO#: 71717

Invoice No: 043724

Bill Of Lading#: 37020

CUST PART #:

Specs: ASTM B209-10

EMC PART NO: 5052-032-01200
640

WEIGHT:

Skid No.	No. of Cuts	Our Coil Number	Item Number	Alloy Temper	Gauge Width/Length
112200	6	111786	5052-032-01200	5052 H32	0.01200 1.3000

Specific Properties

Chemical Analysis

Elements	Percentage
Silicon	0.1200
Silicon/Iron	0.0000
Iron	0.2600
Copper	0.0200
Manganese	0.0600
Magnesium	2.3000
Chromium	0.1800
Nickel	0.0000
Zinc	0.0200
Titanium	0.0000
Other Each	0.0000
Other Total	0.0000
Aluminum	Remainder
Gallium	0.0000
Vanadium	0.0000

Mechanical Analysis

Ultimate Tensile: 34411 psi
Yield Strength: 30000 psi
Elongation Pct: 6 %

Tag# D678830

CLAYTON METALS S.O. # 2985600

CUST. Aluminum

P.O. # 39439-008456

P/N

Desc. 5052-H32-012x1.300K

Weight 640 Date 1-09-12

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We hereby certify that the material referred to above conforms to the physical and chemical properties above and is in accordance with the requirements per stated specification.

[Signature]

12-16-11

LABORATORY ISO 9001:2008 Registered Company

ORIGINAL

Pg # 2 of # 2

ALLIED PACIFIC RAW MATERIAL TRACEABILITY	
AP-JOB #	9082
AP-HL #	D678830
CUSTOMER PO #	141837

hye
APR 22 2004

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173

The YOUNG ENGINEERS, Inc.
Manufacturing Operations Sheet
Work Order ID 54697

Item ID YH3005A4-8

Descrip 1/4-28 Housing, Snap In, Al Alloy, .010-.019 Skin Thickness, .718OD X .440CL

Job Qty 113 1400 Lot No _____ Lot Qty _____ Date Printed 8/11/2014 Start Date 8/5/2014
 Customer ID 2007 Cust PO No _____ Due Date 8/11/2014

Eng Planning By Date <u>JL 6/19/14</u>	Manufacture Per Dwg No <u>YH3005A4-8</u> Rev <u>C</u> Final Inspect Per Dwg No <u>YH3005-X FINAL</u> Rev <u>DX</u> <input type="checkbox"/> Customer Release <input type="checkbox"/> TYE Catalog <input checked="" type="checkbox"/> Final Inspection Release <input type="checkbox"/> Assembly Release	<input type="checkbox"/> If this box is marked, these parts were manufactured by altering the base parts identified in the Material Planning Sheet accompanying this packet
PC Planning By Date <u>ES 6/11/14</u>	CNC Lathe Program No _____ Cycle Time _____ Mach No _____ 1st Op <u>0270286678022-A</u> 1st Op _____ 2nd Op _____ 2nd Op _____	Drill / Mill Program No _____ Cycle Time _____ Mach No _____ 1st Op _____ 2nd Op _____
		Mfg Approval By Date <u>W 8/6/14</u>

Seq ID	Operator Initial	Work Center	Operation Description	Inspection 1st Rec / Art Final	Quantity	Ac#	Ref	QA Stamp	Date	NCR #
10		WOP	Standard Work Order Preparation	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>						
20	<u>AG</u>	M	M1 Raw Material Preparation	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>						
30	<u>MG/012</u>	CN	CN1 CNC Lathe 1st Op Machining	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<u>1,195</u>	<u>1</u>	<u>φ</u>	<u>TYE 4</u>	<u>AUG 29 2014</u>	
70	<u>MG</u>	M	M3 Tumble	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<u>1156</u>					
80	<u>MG</u>	M	M2 Wash	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<u>1156</u>					
90	<u>TR</u>	RMF	Coat per MIL-DTL-5541, Type I, Class 1A, Gold	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<u>1155</u>	<u>20</u>	<u>0</u>	<u>TYE 3</u>	<u>SEP 11 2014</u>	
100	<u>TR</u>	QA	Quality Assurance Final	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<u>1155</u>	<u>20</u>	<u>0</u>	<u>TYE 3</u>	<u>SEP 11 2014</u>	

Inspection Level* ☒ S-3 AQL 1.0 ☐ AQL _____ QA Planning By TYE 4 Date JUN 25 2014
 Container(s) Type: ☒ Bucket ☐ _____ Weight (lbs) 6 Count Factor 5.1130

Comments: X 2024-T4 or T351 ALUMINUM; CONT PER MIL-DTL-5541, TYPE I, CLASS 1A (GOLD)
DISREGARD DIA (φ) SYMBOL ON SLOT WIDTH. COUNTER-BORE DIA IS .3306 ± .0034 - (JL 6/19/14)
PER RN N345, MACHINED SURFACE FINISHES PER ASME B46.1-2009 .4505 ± .0035

*Per ANSI/ASQC Z1.4-1993

SPLIT OFF AUG 29 2014 At Op# 30 Due to a change of Material Heats
220 pcs to WO# 54697-1 (QA 8/29/14)

Work Order Package Review
 TYE QA Inspector Stamp# TYE 4
 Date: SEP 12 2014

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Comments and/or Special Instructions

The YOUNG ENGINEERS, Inc.

Material Planning Sheet

Work Order ID 54697

Parent Item ID YH3005A4-8

Item Description 1/4-28 Housing, Snap In, Al Alloy, .010-.019 Skin Thickness, .718OD X .440CL

Date Printed 8/18/2014

Engineering Approval

Job Qty 1400 Lot No Lot Qty Due Date 8/11/2014

By GU Date 8-19-14

Component Item ID/ Item Name	Mfg / Purch	Primary Location	Last Location	Unit of Measure	Qty on Hand	Qty To Pick	Qty Issued	QA Stamp	Date Issued
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3/4 2024-T4 or -T381 Purchased

bar 13 7

Aluminum Alloy Bar(s) Per AMS-QQ-A-225/8

6  AUG 19 2014

Location	Lot / Heat	PO No	Loc Qty	Loc Code
STOCK BAR			13.0	
	10046232		1.0	
	20172298 <u>142672</u>		<u>206.0</u>	<u>for 8/19/14</u>
	MA20133394		1.0	
	MA20140228		3.0	
	MA20141218		1.0	